

What is claimed is:

1 1. An optical disc drive, comprising:
2 a main body having a first center of gravity;
3 a motor disposed on the main body;
4 a vibration absorber, disposed on the main body,
5 having a second center of gravity; and
6 a balance plate disposed on the vibration absorber,
7 whereby the second center of gravity of the
8 vibration absorber is substantially close to
9 the first center of gravity of the main body.

1 2. The optical disc drive as claimed in claim 1,
2 wherein the vibration absorber is a frame having a first
3 side adjacent to the motor, with the balance plate
4 disposed on the first side.

1 3. The optical disc drive as claimed in claim 1,
2 wherein the vibration absorber further comprises:
3 a plurality of screws for fixing the vibration
4 absorber to the main body; and
5 a plurality of resilient members disposed between
6 the plurality of screws and the main body.

1 4. The optical disc drive as claimed in claim 3,
2 wherein the plurality of screws is screwed more tightly
3 when disposed closer to the first side.

1 5. The optical disc drive as claimed in claim 3,
2 wherein the coefficients of elasticity of the plurality
3 of resilient members increase when the plurality of
4 resilient members is disposed closer to the first side.

1 6. The optical disc drive as claimed in claim 3,
2 wherein the resilient members are springs.

1 7. The optical disc drive as claimed in claim 3,
2 wherein the resilient members are rubber pads.